

Amendments to the Claims:

A listing of the entire set of pending claims (including amendments to the claims, if any) is submitted herewith per 37 CFR 1.121. This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently amended) A method ~~comprising of detecting a watermark in a multimedia signal being rendered by an application executed by a computer system in a window of a display screen connectable to said computer system, said window covering a part of the image area of said display screen, the method comprising the steps of:~~

[[1]] examining ~~the a~~ video signal being generated by ~~said a~~ computer system and applied to ~~said a~~ display screen to locate image areas in which the video signal changes from frame to frame;

[[1]] defining a bounding box around ~~said the~~ image areas to provide an area of interest; and

[[1]] detecting ~~the a~~ watermark in said area of interest.

2. (Currently amended) ~~A method as claimed in~~ The method of claim 1, wherein ~~said the~~ bounding box is rectangular.

3. (Currently amended) ~~A method as claimed in~~ The method of claim 2, ~~in which the watermark detector is arranged to detect the watermark in a image having a predetermined resolution, the method further comprising the step of~~ including scaling the area of interest to ~~said a~~ predetermined resolution.

4. (Currently amended) ~~A method as claimed in~~ The method of claim 1, further ~~comprising the steps of~~ including examining the video signal for further areas of interest, and detecting the watermark in ~~said the~~ further areas of interest.

5. (Currently amended) A computer system ~~arranged to execute an application which renders a possibly watermarked multimedia signal in a window of a display screen connectable to said computer system, said window covering a part of the image area of said display screen, the computer system comprising:~~

[[-]] means for examining ~~the a~~ video signal being generated by said ~~the~~ computer system and applied to said ~~a~~ display screen to locate image areas in which the video signal changes from frame to frame;

[[-]] means for defining a bounding box around said ~~the~~ image areas to provide an area of interest; and

[[-]] a watermark detector for detecting the watermark in said ~~the~~ area of interest.

6. (Currently amended) A graphics card for use in a computer system ~~arranged to execute an application which renders a possibly watermarked multimedia signal in a window on a display screen connectable to said graphics card, said window covering a part of the image area of said display screen, the graphics card comprising:~~

[[-]] means for examining ~~the a~~ video signal being generated by said ~~the~~ computer system and applied to said ~~a~~ display screen to locate image areas in which the video signal changes from frame to frame;

[[-]] means for defining a bounding box around said ~~the~~ image areas to provide an area of interest; and

[[-]] a watermark detector for detecting the watermark in said ~~the~~ area of interest.

7. (Currently amended) A computer system comprising:

a display screen, and

a graphics card adapted to render a possibly watermarked multimedia signal in a window of a~~the display screen connectable to said graphics card, said window covering a part of the image area of said display screen,~~ the multimedia signal being generated by an application executed by a~~the~~ computer system ~~comprising said graphics card,~~

wherein the graphics card includes~~comprising:~~

[[-]] means for examining ~~the~~ a video signal being applied to said~~the~~ display screen to locate image areas in which the video signal changes from frame to frame;

[[-]] means for defining a bounding box around ~~said~~~~the~~ image areas to provide an area of interest; and

[[-]] a watermark detector for detecting the watermark in ~~said~~~~the~~ area of interest.

8. (New) A computer system comprising:

a display engine that is configured to generate a video signal that includes one or more display windows;

a detector that is configured to identify locations of changes of picture element values in the video signal;

a processor that is configured to define a bounding box based on the locations of changes; and

a detector that is configured to detect a watermark in the video signal within the bounding box.

9. (New) The computer system of claim 8, including a resolution converter that is configured to scale at least a portion of the video signal.

10. (New) The computer system of claim 8, including an RGB-to-Y converter that is configured to convert RGB pixel values in the video signal into luminance values (Y).

11. (New) The computer system of claim 10, wherein the RGB-to-Y converter is configured to determine luminance values of Y as $R/4 + G/2 + B/8$, where R is a red component, G is a green component, and B is a blue component of the RGB pixel values.
12. (New) The computer system of claim 11, wherein the RGB-to-Y converter is configured to determine luminance values of Y based solely on the green component.
13. (New) The computer system of claim 8, wherein the bounding box is rectangular.
14. (New) The computer system of claim 8, wherein the detector, processor, and detector are configured to examine the video signal to locate further locations of further changes of picture element values, and to detect a further watermark in a bounding box based on the further locations of the further changes.
15. (New) The computer system of claim 8, further including one or more switches that are configured to control one or more outputs of the graphics card based on detection of the watermark.
16. (New) The computer system of claim 8, wherein the computer system is configured to control one or more external devices based on detection of the watermark.
17. (New) The computer system of claim 8, including a display device that is configured to receive the video signal and display the one or more display windows.
18. (New) The method of claim 1, wherein the video signal includes an RGB encoding of each frame, and the method includes converting the RGB encoding into a luminance encoding to facilitate detecting the watermark.

19. (New) The method of claim 1, including controlling a source of at least a portion of the video signal based on detecting the watermark.

20. (New) The method of claim 3, wherein the video signal includes an RGB encoding of each frame, and the method includes converting the RGB encoding into a luminance encoding to facilitate detecting the watermark.